

IN THE CLAIMS

1. (previously presented) A method of screening for therapeutic agents useful in the treatment of a disease selected from cardiovascular diseases, COPD, asthma, and genito-urolological disorders in a mammal, comprising the steps of

- i) contacting a test compound with an N-formyl peptide receptor like-1 (FPRL1) polypeptide comprising the amino acid sequence SEQ ID NO:2,
- ii) detecting binding of said test compound to said FPRL1 polypeptide, and
- iii) identifying a test compound which binds to said FPRL1 polypeptide as a potential therapeutic agent useful in the treatment of the disease.

2. (currently amended) A method of screening for therapeutic agents useful in the treatment of a disease selected from cardiovascular diseases, COPD, asthma, and genito-urolological disorders in a mammal, comprising the steps of

- i) determining the activity of a FPRL1 polypeptide comprising the amino acid sequence SEQ ID NO:2 in the presence and absence of ~~a said~~ test compound, and
- ii) identifying the test compound as a potential therapeutic agent useful in the treatment of the disease if the activity of the FPRL1 polypeptide is inhibited in the presence but not the absence of the test compound.

3. (currently amended) A method of screening for therapeutic agents useful in the treatment of a disease selected from cardiovascular diseases, COPD, asthma, and genito-urolological disorders in a mammal, comprising the steps of

- i) determining the activity of a FPRL1 polypeptide comprising the amino acid sequence SEQ ID NO:2 at a certain concentration of a test compound,

ii) determining the activity of a FPRL1 polypeptide in the presence of a compound known to be a regulator of a FPRL1 polypeptide, and

iii) identifying the test compound as a potential therapeutic agent useful in the treatment of the disease if the activity of the FPRL1 polypeptide is inhibited in the presence of each of the test compound and the compound known to be a regulator.

4. (original) The method of claim 1, wherein the step of contacting is in or at the surface of a cell.

5. (previously presented) The method of claim 4, wherein the cell is *in vitro*.

6. (previously presented) The method of claim 1, wherein the contacting is in a cell-free system.

7. (previously presented) The method of claim 1, wherein the polypeptide is coupled to a detectable label.

8. (previously presented) The method of claim 1, wherein the test compound is coupled to a detectable label.

9. (previously presented) The method of claim 1, wherein the test compound displaces a ligand which is bound to the polypeptide before the step of contacting.

10. (previously presented) The method of claim 1, wherein the polypeptide is attached to a solid support.

11. (previously presented) The method of claim 1, wherein the compound is attached to a solid support.

12-26. (canceled)